

**DEVELOPMENT OF POST-GRADUATE STUDIES
IN MEDICINE
IN THE UNIVERSITY OF CALCUTTA**



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UNIVERSITY OF CALCUTTA
1949



POST-GRADUATE TEACHING IN MEDICAL SCIENCE

1. The University shall provide for Post-Graduate Teaching, Study and Research in the Faculty of Medicine.

Explanation: The term "Post-Graduate" as used in this Chapter has reference only to the examinations for the degrees of Doctor of Medicine, Master of Surgery and Master of Obstetrics, and following Diplomas and such other degrees and Diplomas in various branches of Medical Science as may be determined by the Senate from time to time by regulations framed in this behalf on the recommendation of the relevant Bodies within the University:—

Diploma in Public Health (D.P.H.); Diploma in Ophthalmic Medicine and Surgery (D.O.M.S.); Diploma in Maternity and Child Welfare (D.M.C.W.); Diploma in Tuberculous Disease (D.T.D.); Diploma in Obstetrics and Gynaecology (D.O.G.).

2. Post-Graduate Teaching in Medical Science in Calcutta shall be conducted only in the name and under the control of the University as hereinafter provided. For this purpose a Council named Council of Post-Graduate Teaching in Medical Science shall be constituted.

3. The staff for the Post-Graduate Teaching in Calcutta will consist of (a) Teachers appointed and paid by the University; (b) Teachers whose services are, on the application of the University, lent from time to time by the Provincial or Central Government or by an institution and who during the time they work under the University are University teachers; (c) Teachers in Colleges whose attainments specially qualify them for Post-Graduate instruction and who undertake, at the request of the University and for a remuneration decided on by it, to deliver a course of lectures on selected topics; teachers in colleges whose attainments specially qualify them for Post-Graduate work, and who shall be recognised by the University as Extra-Mural Lecturers; (d) persons engaged in other than educational work who undertake, at the request of the University and for a remuneration decided on by it, to deal with special subjects in which they are authorities.

Extra-Mural Lecturers shall be recommended annually by the colleges for recognition by the University. Such recommendations, along with a statement, showing at the time of the first recognition, their qualifications and outlining the proposed course of instruction for the ensuing session, shall reach the University not later than February 15 in each year. Such proposals shall be placed before the Board of Higher Studies and the Executive Committee, the selection

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to be finally made by the Senate on the recommendation of the said Executive Committee. The Senate shall have the power to order further consideration of such recommendation. Lecturers thus recognised by the University shall undertake to impart such instruction on such subjects as may be decided upon by the Executive Committee in each year and such instruction shall be open to Post-Graduate students of the specified group concerned and to such other Post-Graduate students as desire to attend. The question of remuneration of such lecturers and tuition fee to be paid by students who attend such instruction shall be settled by the Senate on the recommendation of the Executive Committee in consultation with the colleges.

4. A Council of Post-Graduate Teaching in Medical Science in Calcutta shall be constituted annually and be composed as follows:—

(a) *Ex-officio* members—

(i) The Vice-Chancellor.

(ii) The Dean of the Faculty of Medicine.

(iii) The Director of Health Services to the Government of West Bengal.

(iv) Heads of all constituent colleges in Calcutta which are affiliated to or recognised by the University to the M.B. standard or which present candidates for any of the examinations mentioned above.

N.B.—A constituent college means (i) a college affiliated to the University up to the M.B. standard, (ii) a college which presents candidates for the M.B. Examinations of the Calcutta University and (iii) institutions which present candidates for any of the examinations mentioned in Section 1 above in the Calcutta University.

(e) All persons appointed teachers for Post-Graduate instruction in Medical Science, under Section 3 above.

(b) Four members of the Senate annually appointed by the Senate.

(c) Four members of the Faculty of Medicine annually appointed by the Faculty of Medicine.

(d) Two members of the Faculty of Science annually appointed by the Faculty of Science.

Provided that, for the purpose of the constitution of the first Council, under these regulations, the persons mentioned in clause (e) (e) above shall be deemed to include all teachers who, on the date of commencement of these Regulations, are in the opinion of the Syndicate engaged in Post-Graduate work in Medical Science in Calcutta or who may be appointed as Post-Graduate Teachers or

on whom the status of Post-Graduate Teacher is conferred, by the following Special Committee:—

- (i) The Premier of the Province of West Bengal.
- (ii) The Minister for Public Health, West Bengal.
- (iii) The Vice-Chancellor.
- (iv) The Dean of the Faculty of Medicine.
- (v) The Director of Health Services to the Government of West Bengal.
- (vi) Heads of constituent colleges or institutions mentioned in (a) (iv) above.
- (vii) Three persons appointed by the Syndicate (who may not be members of the Senate).

The said Committee may consult such authorities or such persons as they deem necessary.

Explanation: No person after the constitution of the first Council shall be deemed to be a 'teacher' within the meaning of clause (a) (v) of this section unless he performs independent teaching work in the Post-Graduate classes. If a question arises as to whether a member of staff is a 'teacher' for the purpose of this rule, the matter shall be referred to the Senate for decision.

5. The Council of Post-Graduate Teaching in Medical Science shall annually elect its own President.

6. As soon as possible after the constitution of the Council an Executive Committee thereof shall be annually formed as follows:—

- (i) The President of the Council, *Chairman*.
- (ii) The Vice-Chancellor.
- (iii) The Dean of the Faculty of Medicine.
- (iv) The Dean of the Faculty of Science.
- (v) Heads of Departments within the jurisdiction of the Council.
- (vi) Two representatives of the Senate elected by the Senate, of whom at least one shall be a Principal or teacher of a constituent college or an institution mentioned above.
- (vii) One representative of the Syndicate.
- (viii) One representative of the Faculty of Medicine.
- (ix) Fifteen members to be elected by the Council of whom at least seven shall be either Heads of, or Lecturers in constituent colleges or recognised institutions concerned or University Professors or Readers or Lecturers in the Department of Post-Graduate Teaching in Medical Science.

Provided that in the case of whole-time Lecturers not more than one shall be from any one Department; provided also that in the case of part-time Lecturers not more than one representative shall be from any one college.

7. The Boards of Higher Studies shall be constituted annually in each of the following subjects within two months of the constitution of the Council:—

- (i) Medicine.
- (ii) Surgery.
- (iii) Midwifery.
- (iv) Pathology, Bacteriology and Medical Zoology.
- (v) Anatomy.
- (vi) Physiology.
- (vii) Pharmacology.
- (viii) Bio-Chemistry.
- (ix) Bio-Physics.
- (x) Radiology and Radio-Therapeutics.
- (xi) Hygiene.
- (xii) Ophthalmology.

Note—Should arrangements be made at any time for instruction by the University in any branch of Medical Science other than those mentioned above, a Board of Higher Studies in such subject shall be constituted as early as possible.

Provided that during the interim period between the commencement of the operation of these regulations and the constitution of the Boards, the powers of the said Boards shall be exercised by the Executive Committee.

8. The Board of Higher Studies in each subject or group of subjects shall consist of—

- (a) Teachers of that subjects or group of subjects appointed under Section 3, such teachers shall be members *ex-officio*.
- (b) Three persons elected by the Council from amongst its members.
- (c) Not more than two members may be nominated by the Syndicate from amongst the members of the Faculty of Medicine and the Faculty of Science.

Where a Board of Higher Studies as constituted above does not contain at least 33 per cent. of members who are also members of the ordinary Board of Studies in Medicine, such a number of members shall be co-opted from the said ordinary Board as will bring the percentage as near as possible to 33.

9. The Senate on the recommendation of the Executive Committee of the Council, concurred in by the Syndicate, which shall not be subject to confirmation by the Council, shall appoint a Head of each Department as follows:—

- (i) Where there is only one Professor in any Department the Executive Committee shall recommend that the Professor be

appointed the Head of the Department. If there be no Professor and there be a post of Reader, then the Executive Committee shall recommend the occupant to be the Head.

(ii) In the case of a Department where clause (i) is not applicable or the Executive Committee forwards a definite recommendation for its supersession in a special case, the Senate shall appoint its Head after considering the recommendation of the Executive Committee and the Syndicate as above.

(iii) The Head shall be appointed for five years but he will be eligible for re-appointment.

Provided that the appointment of an officiating Head for a period not exceeding three months may be made by the Executive Committee when necessary.

(iv) Where the Executive Committee considers it desirable it may recommend to the Senate that the term of office of the Head of a Department should terminate. It will be open to the Senate to accept the recommendation provided a two-thirds majority of the members present at a special meeting of the Executive Committee, called for the purpose, is in favour of such recommendation.

The duties of Heads of Departments shall be—

(a) The Head of a Department shall be responsible to the University and primarily to the Executive Committee for carrying out the decisions of the University within the Department and for ensuring efficient working.

(b) He shall be the Chairman of the relevant Board of Higher Studies.

(c) He shall arrange the time-table and distribution of work in consultation with the other teachers of the Department. Any case of difference between the Head of a Department and a teacher of the Department regarding the arrangement of the time-table and distribution of the work shall be decided by the Executive Committee.

(d) He shall be responsible for the expenditure of money allocated to the Department and for ensuring that an account is kept of the appliances, apparatus, etc., in the Department in accordance with the procedure decided by competent authority.

(e) He shall ensure, in consultation with the other teachers that the students receive such advice and guidance as they may require, with regard to their courses of studies and other matters. He shall also, in consultation with other members of the staff, allocate students to individual members of the staff for tuition and guidance for the purposes generally indicated hereinafter in Section

(f) He will perform such other duties as may be entrusted to him by the Senate on the recommendation of the Executive Committee.

10. The Council mentioned in Section 4 is vested with authority, subject to the ultimate control of the Senate, to deal with all questions relating to the organisation and management of Post-Graduate Teaching in Medical Science in Calcutta.

The Executive Committee of the Council shall receive and consider reports from the Boards of Higher Studies as to the progress made in their respective subjects and the results of the examinations and shall exercise such supervision and give such directions as may be necessary to ensure regularity of the work and maintenance of discipline among the students.

Subject to the provision of Section 13 hereinafter the Executive Committee will have the power of making temporary teaching arrangements within the Budget grants whenever necessary. But if the proposed arrangements involve additional financial commitments not provided in the Budget, the Executive Committee shall refer the matter in the first instance to the Finance Committee for Post-Graduate Studies in Medical Science, and shall place its recommendation before the Senate through the Syndicate for sanction together with a report thereon from the University Finance Committee. The temporary arrangements in such cases shall be subject to the sanction of the Senate.

11. The Board of Higher Studies in each subject shall, for purposes of post-graduate teaching and post-graduate examination, make proposals regarding:—

- (a) courses of study,
- (b) recommended books,
- (c) standards and conduct of examinations,
- (d) teaching requirements from year to year other than preparation of time-table and distribution of work among the members of the staff,
- (e) appointment of examiners, and
- (f) such other matters as may, from time to time, be specified by the Council with the approval of the Senate.

Proceedings of the Board of Higher Studies, except as otherwise provided for, shall be subject to confirmation, revision or modification by the Executive Committee which shall also have the power to send such proceedings back to the Boards of Higher Studies for further consideration.

Proceedings of the Executive Committee, except as otherwise provided for, shall be subject to confirmation, revision or modification by the Council which shall also have power to send such

proceedings back to the Executive Committee for further consideration.

Proceedings of the Council shall be transmitted to the Senate through the Syndicate with such observations, if any, as the Syndicate may deem necessary and shall be subject to confirmation by the Senate.

The Council shall report on any subject that may be referred to it by the Senate. Any member or any number of members of the Senate may make any recommendation and may propose any regulations for the consideration of the Council. The Senate may, if necessary, direct the Council to review decision on any matter.

12. Each Board of Higher Studies and other competent body under the Post-Graduate Department shall, not less than six months before the termination of the academic session, formulate the requirements of the special department, during the ensuing session, together with an estimate of the probable financial cost. The Executive Committee shall thereupon examine the said requirements and formulate the consolidated demands of all departments for scrutiny and for preparation of the Budget Estimates by the Post-Graduate Finance Committee in Medical Science.

APPOINTMENTS

13(I). Whenever there is a vacancy in a Professorship or Readership other than any Endowed Chair (which may be established) to which special conditions as to the method of appointment may apply in accordance with the provisions of the Trust Deed concerned, a Selection Committee shall be set up constituted as follows:—

- (i) The Vice-Chancellor, *Chairman*.
- (ii) The President of the Post-Graduate Council in Medical Science.
- (iii) One Member appointed by the Senate.
- (iv) One expert appointed by the Syndicate.
- (v) One member appointed by the Executive Committee.

Such appointment shall not be subject to confirmation by the Council.

(vi & vii) Two experts (not connected with this University) to be nominated by other Universities, bodies or persons on the invitation of the Syndicate after consultation with the Executive Committee.

(iii) One expert nominated by the Vice-Chancellor.

(13). Whenever there is a vacancy in a post other than that of a Professor or Reader, a Selection Committee shall be set up constituted as follows:—

- (i) The Vice-Chancellor, Chairman.
- (ii) The President of the Post-Graduate Council in Medical Science.
- (iii) The Dean of the Faculty of Medicine.
- (iv) Head of the relevant Department.

(v & vi) Two members to be nominated by the Syndicate, of whom one shall be a Principal or a Teacher of a constituent college or an institution recognised by the University.

(vii & viii) Two members appointed by the Executive Committee, of whom at least one, where possible shall be a Professor or Reader of the Department. Such appointments shall not be subject to confirmation by the Council.

Provided always that in the case of constituent colleges or institutions recognised by the University as above, the Committee constituted either under 13 (I) or 13 (II) shall make the appointment in consultation with the relevant authority concerned.

Note.—The relevant authority in the case of Government colleges will be authority or authorities indicated by the Government and in the case of other colleges under private management the relevant Governing Body concerned or any other body indicated by that Governing Body.

Appointments under Section 13 (I) and (II) shall be made by the Senate only in accordance with the recommendations of the Selection Committee which shall include particular proposals relating to tenure, pay and other conditions of service. The Senate shall have the power only to refer back the recommendations to the Committee for consideration.

The procedure laid down in the Section shall not apply in the case of a temporary vacancy not exceeding one year.

14 (1) The Senate may, on the recommendation of the appropriate Selection Committee constituted for the appointment of Professors and Readers, confer on part-time teachers the status of Professors or Readers without any extra remuneration. In these cases such proposals should be initiated in the first instance by the Executive Committee. The Selection Committee shall follow the same standard in the matter of these Honorary appointments as in the case of Professors or Readers.

Provided that the number of the Honorary appointments shall not exceed six in the case of Professors and nine in the case of Readers.

(2) It shall also be open to the Senate to appoint Honorary Lecturers whenever necessary.

15. If, in any particular year, owing to increase in the number of students, the increase in teaching work (particularly tutorial) is such that the normal staff cannot reasonably be expected to cope with it, temporary appointments of Lecturers outside the grade, or of part-time Lecturers, may be made by the Senate. In making such appointments the claims of applicants who have already served the University or the constituent colleges or the recognised institutions will be given priority. For such appointments the Executive Committee shall make definite proposals to the Senate for sanction.

16 (1) All whole-time teachers shall be given contracts embodying their terms of engagement.

The contract shall define the term 'whole-time teacher.'

(2) The following procedure shall be followed with regard to all appointments:—

(a) In the case of new appointments whole-time teachers shall ordinarily be engaged on probation for 2 years after which their appointments may be made permanent. In the case of appointment of Professors and Readers this rule may be relaxed.

(b) When any permanent vacancy arises, the post shall be advertised and applications invited. A Selection Committee, in accordance with Section 13, shall be set up and shall consider the applications received, together with any statement or recommendation which may be sent by the Executive Committee. The choice of the Selection Committee, shall not necessarily be confined to those who have applied, provided that the Vice-Chancellor may with the concurrence of the Selection Committee concerned invite an eminent person to occupy the vacant post under terms and conditions determined by the Selection Committee.

(c) No appointment shall be made unless the Selection Committee is satisfied that the candidate possesses the full minimum qualifications considered necessary for the post.

(3) The whole-time teachers including Professors will be granted such leave as may be admissible to them under rules framed by the Senate from time to time.

(4) The Executive Committee shall have the power to grant leave to part-time teachers as may be considered necessary provided that the leave so granted shall not be more liberal than that admissible to whole-time teachers.

(5) All whole-time teachers in grade school or junior high school at the age of 60 provided herein that the Senate, on the recommendation of the Executive Committee, may extend the term of appointment of a whole-time teacher to 65 years.

17. The procedure and form in Sections 13 and 14(2) (1) relating to the appointment of teachers shall be in accordance otherwise directed by the Senate, upon the recommendation of a teaching union, provided that the salary of the teacher shall be not less than the salary of the teacher in the same grade and position in the public schools of the city, county or school district, as determined by the Senate, upon the recommendation of the Executive Committee and the Syndicate.

18. A Finance Committee for the Postgraduate Department in Medical Sciences shall be constituted and shall consist of

- (i) The Vice-Chancellor
(ii) The President of the Board of Teaching in
Medical Science
(iii) & (iv) Two members to be appointed by the Executive
Committee of the Council of whom one shall be the Head of an
Institution in a distinct college or university and one
(v) One member to be nominated by the Senate
(vi) One member to be nominated by the Senate
(vii) The Director of Health Services to the Government of
West Bengal.

If the same person holds more than one office under (1) and (2) above, the Board shall give no credit for term for appointment of a new state member.

The Committee shall elect a Vice President each year. The Secretary of the Postgraduate Department on Medical Sciences will be the Secretary of the Committee. The members of all constitute a quorum.

[illegible]

All proposals involving new expenditure beyond the year (not covered by the Budget grants) shall be passed before the Committee for scrutiny. Such scrutiny shall only be undertaken at the month

of different estimates and as far as possible to be uniform. The recommendations of the Committee shall be placed before the University Finance Committee for approval and for the relevant authorities for sanction. No other action shall be taken by the body concerned in respect of any proposal except in cases of emergency and after such sanction has been obtained.

The Finance Committee shall monitor and watch over the progress of income and expenditure as planned in the Budget.

The Committee shall receive from time to time proposals which shall be considered by the Executive Committee of the Council of Post Graduate Teaching in Medical Science together with such observations thereon as the Executive Committee may make thereon and be laid before the Senate for sanction.

SECRETARY

19. There shall be a **Secretary** to the Council of Postgraduate Teaching in Medical Science and an **Executive Committee**. He shall be appointed by the Senate on the recommendation of the Council of Postgraduate Teaching in Medical Science subject to confirmation by the Senate.

The Secretary shall be assisted by a permanent staff of **Associate Assistants and servants**.

GENERAL

20. All persons **in or out of service** who were appointed under Section 3 shall be styled **University Readers or University Lecturers** as the case may be.

21. The Board of Examiners in connection with the Post Graduate Medical Examinations shall consist of

- (a) **Internal Examiners, and**
- (b) **External Examiners.**

The Internal Examiners in any subject shall be appointed by the Senate on the recommendation of the Executive Committee in consultation with the Board of Higher Studies concerned. In appointing such persons as to be appointed under Section 3. The External Examiners shall be appointed by the Senate on the recommendation of the Executive Committee in consultation with the Board of Higher Studies concerned.

22. The names of all persons appointed University Professors, University Readers or University Lecturers shall be notified to the Government of West Bengal within one week from the date of the decision of the Senate. If within six weeks from the receipt of such notification Government intimate to the University that a specified appointment is objectionable on other than academic grounds such decision shall take effect and the appointment shall stand as void and the University may proceed to fill up the vacancy so discovered in the manner indicated in the Regulations.

23. The Senate of the University shall from time to time frame rules consistent with the Regulations to facilitate the management of Post Graduate Studies in Medical Science.

In particular and without prejudice to the generality of the foregoing powers, such rules may—

- (a) define the duties of the President of the Council;
- (b) provide for the appointment of a Vice-President of the Council and define his duties;
- (c) provide for the appointment of a Executive Director of Studies;
- (d) provide that teachers appointed under clauses (a) and (b) of Section 3 be entitled to participate in the work of instruction of Undergraduate students of instruction of colleges with the concurrence of the University, the colleges and the teachers concerned;
- (e) provide for the assignment of students to tutors and professors and define their relative;
- (f) regulate the conditions of residence of Post Graduate students;
- (g) provide that a Post Graduate student may, with the permission of the University of the college from which he graduated, continue to be a member of such college and that his name may be borne on its rolls;
- (h) provide for the due recognition of the work done by a student with a certificate of degree or a degree and distinction under the preceding clause or otherwise;
- (i) provide for joint meetings of the Board of Higher Studies and other Bodies in the University with the Executive Committee of the Council of Post Graduate Studies in Medical Science.

24. Every student of the Post Graduate Classes shall be assigned by the Board of Higher Studies to one subject to a particular member of the staff as tutor. It shall be the duty of such tutor in accordance with rules to be framed from time to time by the Senate on the recommendations of the Executive Committee considered by the Council to see their pupils singly or in groups at stated times to advise them with regard to the lectures they should attend and to their courses of reading and practical work and to assist them in any difficulties that they may encounter in their studies.

RULES OF PROCEDURE

25. The Council shall meet ordinarily four times a year and on other occasions when convened by the President.

Each Board of Higher Studies shall meet ordinarily four times a year and on other occasions when convened by the Chairman.

A special meeting of a Council shall be convened on the requisition of six members. A special meeting of the Executive Committee or of a Board of Higher Studies shall be convened on the requisition of three members.

26. At meetings of the Council and its Executive Committee the President shall preside and at a meeting of a Board of Higher Studies the chairman shall preside. In the absence of the President or Chairman as the case may be, or when the office of President or Chairman is vacant, the members present shall elect a Chairman for the occasion provided always that the Vice-Chancellor and the President of the Council shall have the right to attend any of these meetings and address any of these Bodies of which they are not members but shall not exercise the right of vote.

27. Seven clear days notice shall be given for the meetings of the Council and of the Boards of Higher Studies. Five clear days notice shall be given for meetings of the Executive Committee unless in cases of emergency decided by the President and in his absence by the Vice-Chancellor.

28. Fifteen members of a Council shall constitute a quorum and the quorum of any Executive Committee or a Board of Higher Studies shall be the number representing one-third of the members in each case.

29. The rules for debate contained in Chapter I of the Regulations shall apply to meetings of the Council as far as practicable but the Chairman of the meeting may relax their operation at his discretion.

30. The election of members of the Executive Committee (as contemplated by clause (a) of Section 6 and clause (b) of Section 20) shall take place at a special meeting of which fifteen clear days notice shall be given by the Secretary. Every member of the Council will on receipt of this notice be entitled to propose the name of any person for election to the Executive Committee. Such proposals must reach the Secretary seven clear days before the meeting. The Secretary shall cause a list of the nominees to be printed and forwarded to the members four clear days before the meeting. In any contested election the voting shall be by ballot and the procedure shall be the same as that laid down in Sections 41 to 44 of Chapter I of the Regulations.

31. The procedure prescribed in the preceding section shall, *mutatis mutandis*, be followed in the election and co-opting of members of Boards of Higher Studies (as contemplated by clause (b) of Section 8).

32. If by reason of death, resignation, or like cause, a vacancy occurs in the Council, Executive Committee or Boards of Higher Studies, between the dates of two annual meetings the Body concerned shall forthwith fill up the vacancy and in such event the same procedure shall be followed as in the case of an annual election.

33. From the date of commencement of the Regulations contained in this Chapter a fund shall be constituted for the promotion of Post-graduate Studies in Medical Science to be called The Post-graduate Medical Fund. To such fund there shall be annually added—

- (a) Grants from Government
- (b) Benefactions made specially for this purpose by donors
- (c) Fees paid by students in the Post-graduate Medical Classes

of One-third of the fees received from candidates for the Medical Examinations and

c) such other sums as the Senate may allocate to it

31. The powers conferred on the Council, Executive Committee and Boards of Higher Studies by the provisions of this Chapter shall be exercised by those bodies respectively in the manner and subject to the restrictions prescribed here, and such power shall not be exercised by any other body or bodies in the University.

THE MEDICAL COLLEGE CALCUTTA

SHORT HISTORY

The college was established as a result of the recommendations made by the Medical Board, following the attention of the Government of India in the Ministry Department to the desirability and necessity for the establishment of a medical institution in the Presidency to meet the demands of the various Native Hospitals and treatment of the people which at that time entirely depended upon Kavirais and Hukims. The recommendations were very favourably received and only in 1817 the foundation of the Medical College of Bengal was laid by abolishing the native institutions attached to the Sanskrit College, the Madrasah and the native medical institution where medical instruction used to be imparted in accordance with indigenous ideas without any proper equipment. The Medical College of Bengal can claim to be the first medical institution where a combined system of Preliminary sciences with practical training in all the medical subjects, viz., Medicine, Surgery and Midwifery, respectively, the practice of training students in special subjects according to their choice after they having passed the preliminary scientific subjects. In this respect the Medical College of Bengal may very appropriately be termed as the pioneer institution giving scientific instruction to all candidates joining it.

The college was affiliated to the Calcutta University in 1857 and it was in 1861 that students graduated for the first time.

AFFILIATIONS

M.B.; D.O.M.S.; T.D.D.

COURSES OF STUDY

The following are the curriculum of the College.

First M.B. Examination (Pre-Clinical)

During the pre-clinical period occupying the 1st and 2nd years of study, the student shall receive instructions in the following subjects:—

- (i) Organic and Physical Chemistry
- (ii) Anatomy including Elements of Human Embryology and Genetics.
- (iii) Physiology
- (iv) Elementary Pharmacology and Toxicological Chemistry.
- (v) Elementary Pathology and Bacteriology. This should include the normal reaction of the body to injury and infection as an introduction to general Pathology and Bacteriology.

- (c) Elements of methods of clinical examination including physical signs, the use of common instruments like stethoscope, etc. (b) are all the examination of body fluids with differential diagnosis of living subjects (normal and abnormal).

ADMISSION

The minimum preliminary qualification for admission to the College is that a candidate should have passed the Intermediate Examination in Science in the first Division with Physics, Chemistry and Biology from the Central University or an equivalent of some other university recognised as equivalent to it.

Candidates must not be less than 17 years of age on the 31st December of the year of admission.

FEES

A student admitted to the College has to pay Rs. 200 per year for the first three years and Rs. 100 for the summer term of the 4th year. This fee also covers the board. Students Union fee for the College is Rs. 100 payable for the summer session. A student admitted to the College for the first time has to pay the Admission Fee of Rs. 25.

ENROLMENT

TOTAL NUMBER OF STUDENTS DURING 1948-49 (ARRANGED CLASSWISE)

Item No. I, IV. (a).	
1st year—(A Section)	118
Do (B Section)	110
Do (C and D Section)	14
2nd year—(A Section)	119
Do (B Section)	90
Do (C and D Section)	115
3rd year—Regular	69
Do—Non-regular	43
4th year—Regular	55
Do—Non-regular	31
5th year—Regular	27
Do—Non-regular	17
Do—Fees	60
6th year—Regular	6
M. M. F.	18
Conference (Sp.)	1
Conference (M. F.) (in 1947)	16
Conference (M. F.) (in 1948)	0
Conference (M. F.) (in 1949)	4
Conference (M. F.) (in 1950)	4
Conference (M. F.) (in 1951)	3
Military	
Total	1141

	Total Number of male	Total Number of female	Preclinical male	Preclinical female	Clinical male	Clinical female
1938	735	37	101	6	634	31
1939	718	39	102	7	616	32
1940	684	37	84	6	599	31
1941	678	42	84	9	594	33
1942	640	37	87	17	553	20
1943	613	50	65	17	548	33
1944	621	61	115	14	506	47
1945	630	74	104	15	526	59
1946	608	86	121	16	487	70
1947	774	63	21	20	753	43
1948	667	116	237	23	430	93

Preclinical includes the following subjects —

Anatomy, Physiology, Chemistry, Pharmacology

Clinical Course includes the following subjects —

Pathology, Forensic & State Medicine, Hygiene, Medicine, Surgery, Obstetrics and Gynecology, Ophthalmology, Ear, Nose & Throat Diseases

Quinquennial figures

		1938-39			1943-44		
		Male	Female	Total	Male	Female	Total
1st year	Reg	94	11	105	98	16	112
	Failed	26	10	26	16	...	16
2nd year	Reg	74	6	80	69	15	84
	Failed	12	nil	12	31	8	39
	Nov	13	nil	13	4	...	4
3rd year	Reg	72	4	76	67	6	73
	Nov	10	nil	10	14	1	15
	Failed	31	2	33	9	1	10
	M M F	8	nil	8	1	...	1
4th year	Reg	62	5	67	50	4	54
	Nov	33	1	34	20	1	21
	Failed	4	nil	4	10	...	10
	M M F	3	nil	3	3	...	3
5th year	Reg	55	2	57	42	4	46
	Nov	24	1	25	27	1	28
	Failed	2	nil	2	...	...	...
	Prox	8	nil	8	5	...	5
	M M F	1	nil	1	...	...	...
6th year	Reg	54	3	57	30	6	36
	Nov	25	nil	25	22	...	22
	Failed	19	...	19	16	2	18
	Prox	15	nil	15	9	...	9
	M M F	3	nil	3	6	...	6
Licentiate		...	nil	...	...	nil	...
Condensed M B		...	nil	...	...	nil	...

1946-49

	Male	Female	Total
1st-year A "	107	11	118
1st-year B "	103	10	113
1st-year Detained	24	1	25
2nd-year Reg A	106	16	122
2nd-year Reg B "	78	12	90
2nd-year Reg Failed and Detained	107	0	107
Membership	13		13
3rd-year Reg	60	5	65
3rd-year Nov	98	8	106
4th-year Reg	45	10	55
4th-year Nov	20	2	22
5th-year Reg	40	11	51
5th-year Nov	15	2	17
6th-year Failed	11	3	14
6th-year O.T.	6		6
Military	1		1

CONDENSED M.B.

	Male	Female
Admitted in 1948	11	1
Do 1947	89	6
Do 1946	48	6
Do Sp. Batch	2	
	<hr/> 150	13

RESULTS OF UNIVERSITY EXAMINATIONS, 1948

	No. Appeared	No. Passed	Percentage of passing
Final M.B. February, 1948	138	47	32.6
Do August, 1948	140	65	46.4
1st M.B., February, 1948	72	47	65.2
1st June 1948	122	69	56.5

The question of Division of Classes is not applicable in regard to the M.B. Examination.

SCHOLARSHIPS AND STIPENDS

Number of Scholarships from

1	Inspector General of Civil Hospital Assam	13
2	D. P. I. Assam	4
3	Maintenance Allowance of Burma Government	11
4	Jessore D. B. Stipend	3
5	T. pparah	2

6.	Mymensingh	...	4
7.	Chittagong	...	1
8.	Cooch Behar	...	1
9.	Fardpur	...	1
10.	Rajshahi	...	2
11.	Rangpur	...	2
12.	Nadia	...	1
13.	Dacca	...	2
14.	V. C. V. Khasa, Darjeeling	...	1
15.	Adamji Haji Dawood	...	2
16.	Pahna	...	2
17.	Nepal Government	...	2
18.	Countess of Dufferin Fund	...	8

Scholarships Borne by West Bengal Government

1.	D. P. I., West Bengal	...	20
2.	College Scholarship	...	50
3.	Graduate Scholarship	...	2
4.	College Female Scholarship	...	5
5.	Government Scholarship (charged)	...	1
6.	Special Scheduled Caste Scholarship	...	20
7.	Educational loan to Refugee students migrated from Eastern Pakistan (loan granted from 1948-49)		

Scholarships Borne by India Government

1.	Special Scheduled Caste Scholarships	...	08
1.	Financial Assistance to Refugee Students from Western Pakistan. (from 1948-49).	...	7
1.	Federated Shan State Stipend	...	1
1.	Government of India Aboriginal and Hill Tribes Scholarships (from 1948-49)	...	2

The amount spent annually by the college—Rs 17,417 0 0 excluding Rs 45,513 0 0 on account of Government of India Scheduled Caste Scholarships.

STUDENTS' RESIDENCE

869 in approved hostels (a hired building). A few female students reside in the Swarnamajor hostel in the college compound.

LIBRARY

Library is direct under the control of the Principal and is maintained on an Annual grant sanctioned by the West Bengal Government.

Present Grant of the Library	..	Rs 8,000
Total number of books up to the month of November, 1948	..	16,889 Volumes,

Classes held under the following heads:

- (1) Anatomy
- (2) Botany
- (3) Chemistry and its allied sciences
- (4) Dental, Auricular and Ophthalmic Sciences
- (5) Forensic Medicine
- (6) Veterinary Medicine and Therapeutics
- (7) Physiology & Comparative Anatomy and Bacteriology
- (8) Midwifery for women, Diseases of Women and Children
- (9) Medicine including Pathology and Hygiene
- (10) Miscellaneous including, Journals and Reports

Journals and Periodicals

Number of Foreign Journals is 2442 volumes including 101 volumes of Annals and Medical Annuals.

Number of Indian Journals 541 volumes including 58 volumes of Annals.

EXTRA-CURRICULAR ACTIVITIES

The Students Union carries on activities in its Social Service, Dramatic and Literary Sections.

PHYSICAL EDUCATION

Besides Indoor and Outdoor games there is a gymnasium in the college compound.

Arrangements have been made for medically examining new entrants.

STAFF

Administrative Staff

Principal, Medical College and Superintendent, Medical College Hospitals	Dr. D. C. Chakraverty, F.R.C.S., F.S.M.C.
Secretary, Medical College, Calcutta	Sri B. Chakraverty, B.A.

Department of Medicine

Professor of Medicine	Dr. Mandramath Das, M.B. M.R.C.P. (Lond.)
Professor of Clinical Medicine	Dr. J. C. Banerjee M.B. M.R.C.P. (Lond.)
Additional Physician	Dr. A. K. Nandi, M.B. M.R.C.P. (Eng.)
Honorary Additional Physician	Dr. A. K. Bose M.B., M.R.C.P. (Lond.)

Honorary Junior Visiting Physicians—

- (1) Dr. Banbela Anil M.D. D.P.H. (Lond.)
- (2) Dr. Thubanch Saha M.B. M.R.C.P. (Lond.)
- (3) Dr. A. B. Mukherjee M.D. M.R.C.P. (Lond.)
- (4) Dr. Sankar A. M.B.

Resident Physician

Dr. G. B. Saha M.B.

Department of Surgery

Professor of Surgery	Dr P Chatterji M B, F R C S
Professor of Clinical Surgery	Dr P. Sanjal, M B, F R C S (Eng)
Additional Surgeon	Dr A K Basu M B M S F R C S (Eng).
1st Honorary Additional Surgeon	Dr A K Datta Gupta M B F R C S
2nd Honorary Additional Surgeon	Dr K P Das M B, F R C S (Eng)
Honorary Junior Visiting Surgeons—	
(1)	Dr. S. Banerji, M B, F R C S
(2)	Dr S R Mukherjee, M B, M S (Cal)
(3)	Dr. K. N. Sinha, M B., F R C S
(4)	Dr. Miss A. Mukherjee, M B
(5)	(Vacant)
Resident Surgeon	Dr. M. Mukherjee M B
Lecturer in Anaesthetics	Dr. Mrs. Padmanabha Ganguly M B., D A. (Eng)

Department of Midwifery

Professor of Midwifery	Dr. M. N. Sarker B A M B, F R C E, F R C O O
Professor of Clinical Midwifery	Dr. S. C. Bose, M B F R C S, M R C O O
Honorary Junior Visiting Surgeons—	
(1)	Dr. D. L. Poddar, M B F R C S, D G O
(2)	Dr. R. Sarker, M B, M R C S, D G O
Resident Surgeon	Dr. J. K. Chatterji, M B

Department of Ophthalmology

Professor of Ophthalmic Surgery	Dr. B. K. Das Gupta, M B, F R C S D O M S
Honorary Ophthalmic Surgeons—	
(1)	Dr. P. N. Choudhury M B F R C S D O M S
Honorary Junior Visiting Ophthalmic Surgeons—	
(1)	Dr. N. C. Ghosh, M B
(2)	Dr. N. Chanda, M B
(3)	Vacant
Resident Surgeon	Dr. B. M. Chatterjee, M. B

Chest Department

Honorary Physician in charge	Dr. P. K. Sen M D Ph D, T D D. (Wales)
Honorary Junior Visiting Physicians—	
(1)	Dr. K. N. Das B Sc M B
(2)	Dr. J. K. Nag M B
(3)	Dr. B. Manna M B M R C P
Clinical Tutor	(1) Major D. C. Lohia M B F M S (R)

Skin Department

Honorary Senior Dermatologist	Major A. N. Lakravarty M.B.
Honorary Junior Dermatologist	Dr. N. Das M.B.
Honorary Tutor	Dr. J. D. Majumdar M.B.

Dental Department

Professor of Dentistry	Dr. H. R. Jannings, I.D.S., R.C.S. (on leave) Dr. A. N. Bosa L.D.S., R.C.S. (offg.)
Honorary Junior Visiting Surgeons—	
(1) Dr. M. Ahmed B.A., I.D.S., F.D.S.	
(2) Dr. A. N. Bosa I.D.S., R.C.S.	
(3) Dr. Bankim Mukherjee I.D.S., R.C.S.	
Clinical Tutor	Dr. R. B. Basak M.M.F.

Ear, Nose and Throat Department

Honorary Surgeon in charge	Dr. S. Jey M.B., F.R.C.S. D.L.O.
Honorary Junior Visiting Surgeon	Major K. K. Ghosh M.B. F.R.C.S.E., D.L.O.
Clinical Tutor	Dr. B. Sengupta, M.B., D.L.O.

Radiology Department

Professor of Radiology and Honorary Radiologist	Dr. Chandra Nath Mukherji, M.B. D.M.R.I.
Honorary Junior Radiologist	Dr. N. M. Banerjee M.B., D.M.R.E.
Clinical Tutors —	
(1) Dr. A. N. Jey M.B.	
(2) Dr. S. Basu M.B., D.M.R.E.	
(3) Dr. N. Banerjee M.B., D.M.R.E.	

Department of Psychiatry and Neurology

Honorary Visiting Physician	Dr. N. N. Das M.B., M.R.C.P., D.I.M.
Addl. Hon. V. Physician	Dr. C. C. Bhaia M.B. M.R.C.P. (I) and
Clinical Tutor	Dr. A. N. Mukherjee M.B.

Veneral Department

Honorary Officer in charge	Dr. N. K. Roy, M.B.
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Orthopaedic and Fracture Clinic

Surgeon in charge	Dr. M. I. Berman M.B.
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Department of Pathology

Honorary Pathologist	Dr. Phandranath Fakhraeebar M.Sc., M.D., F.R.S.
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Children's Ward

Physician in charge	Dr. K. C. Chaudhury, M.B., M.R.C.P. (Edin.)
Surgeon in charge	Dr. D. C. Chakraborty, M.B. F.R.C.S. (Eng.)

Department of Hygiene

Professor of Hygiene	Capt. J. D. Saha, M.B., D.P.H.
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Department of Medical Jurisprudence

Professor	Khan Sahib Dr. Kabir Hassan, M.B., D.T.M., F.S.M.F.
Assistant to the Professor	Dr. S. K. Ray, M.B.

Department of Pathology

Professor of Pathology	Dr. B. K. Ghosh, F.R.C.P. (Edin.), D.P.H. (Lond.)
Assistant Professor of Pathology	Dr. S. C. Mukherjee, M.B.

Demonstrators (B.M.S.)—

- (1) Dr. S. K. Banerjee, M.B.
- (2) Dr. K. K. Ray, M.B.
- (3) Dr. A. B. Roy, M.B.
- (4) Vacant

Clinical Pathologists (B.M.S.)—

- (1) Dr. P. K. Sen Gupta, M.B.
- (2) Dr. S. N. Bose, M.B.
- (3) Dr. K. N. Bose, M.B.
- (4) Vacant

Consultant (B.M.S.)

Dr. S. K. Ghosh, M.B., M.B.

Department of Pharmacology

Professor of Pharmacology	Dr. T. K. Chaudhry, M.B.
Senior Demonstrator, Pharmacology	Dr. N. K. Tickle, M.B.
Pharmacist	
Pharmacological Assistant	Dr. Prabhat K. Sen Gupta, B.Sc., M.B.
Clinical Pharmacologist	Dr. Ananya Kumar Roy, M.B.

Department of Anatomy

Professor of Anatomy	Dr. P. Bose, M.B.
Assistant Professor of Anatomy	Dr. Mahananda Goswami, M.B.

Demonstrators—

- (1) Dr. Sureshwar Bhowmik, M.B.
- (2) " S. N. Mitra, M.B.
- (3) " A. K. Nandy, M.B.
- (4) " S. K. Bagchi, M.B.
- (5) " S. C. Talukder
- (6) Vacant

Five additional Demonstrators for Double SL ft Scheme

Department of Physiology

Professor of Physiology Dr. M. L. Chakraborty, M.B.
Ph.D. (Oxford)
Assistant Professor of Physiology Dr. N. Y. Bhattacharya, Magister
B.Sc., M.M.F.

Demonstrators—

- (1) Dr. S. Chakravarti, M.B.
 - (2) Dr. P. K. Chakravarti, M.B.
 - (3) Dr. S. K. Chakravarti, M.B.
 - (4) Dr. Syamal K. Chakravarti, M.B.
 - (5) Dr. S. K. Chakravarti, M.B.
- Five additional Demonstrators (Double Shift System)

Department of Chemistry

Professor of Chemistry Dr. S. K. Chakravarti, B.Sc., M.B.,
Ph.D. (Ed.).

Demonstrators—

- (1) Mr. H. P. Chakravarti, B.Sc.
(on leave preparatory to retirement)
 - (2) Mr. A. K. Ghosal, B.Sc.
 - (3) Mr. S. K. Dasgupta, M.B.
 - (4) Sri Ananya Ghosal, M.Sc.
 - (5) Sri K. P. Bhattacharyya, M.Sc.
- Two additional Demonstrators (Double Shift System)

CONDITIONS OF SERVICE

The teachers come under two categories Paid and Honorary Officers. The paid officers are engaged to render General Service and Bengal Medical Service. These teachers are Government employees. They are therefore governed by the Fundamental Rules and Bengal Service Rules which are provided by Government. The Honorary Staff are engaged to the terms and conditions of their service as and when they are recruited at the time of appointment.

SUMMARY

Expenditure

1947-48

	Rs.	4.	p.
1. Pay and Allowance of Superior Medical Staff	1,20,000	0	0
2. Pay and Allowance of Demonstrator and Technical Staff	75,214	0	0
3. Pay and Allowance of Administrative Staff	54,682	0	0
4. Pay and Allowance of Menial Staff	18,634	0	0
5. Library cost	2,100	0	0
6. Museum cost	No separate account kept		

			Rs. A. P.		
7.	Artist cost	...	1 982	0	0
8.	Travelling allowance	...	9 110	0	0
9.	(i) Other allowances	...	19 817	0	0
	(ii) Allowance for Condensed M.B. Courses to teacher, office staff, Laboratory staff and manual staff		(0) (00)	0	0
10.	Medical & Surgical Requisites		98 707	0	0
11.	Contract contingencies including Gas Electricity, etc.		21 153	0	0
12.	Other contingencies including telephone charges, etc.		20 075	0	0
13.	Prizes & Stipends	...	17 447	0	0
		excluding	45 513	0	0
			On account of Govt. of India Scheduled Caste Scholarships		
14.	Other charges not included in the above		17 400	0	0
			On account of D. A.		
15.	Route, Rates & Taxes	.	52 121	0	0
			(For College only)		
16.	Repairs to Buildings		Figures not available		
	Total Expenditure		6 51 217	0	0

Income

Income from students	...	...	1 59 524	0	0
Contribution charges from other provinces			73 941	0	0
Total Receipts	...	...	2 33 465	0	0

FACILITIES FOR WOMEN'S EDUCATION

The girl candidates for admission into the 1st year classes are taken in even though they passed their I.Sc. Examination in the 2nd division and in relaxation of the general rule which prescribes a pass in the 1st division in each examination. Two Bengalee girl students are not charged any hostel rent as per Students Hostel Swarnamoyee Hostel located in the College Compound.

R O KAR MEDICAL COLLEGE

(1947-48)

There is a Trust Board consisting of following five Trustees --

1. Kumar Bishnuprasad Roy
2. Kumar Kartickchurn Mukherjee
3. Dr. Syamsundar Mookerjee
4. Kumar Bimal Chandra Sinha
5. Sri Nirmalachandra Chunder

Course of studies—M. B. Standard and D. O. M. S., D. O. G.

Staff

Anatomy—	Professor	1
	Superintendent	2
	Lecturers	5
	Demonstrators	5
Physiology—	Professor (Emeritus)	1
	Professor	1
	Associate Prof.	1
	Senior Lecturer	1
	Demonstrators	4
Pharmacology—	Professor	1
	Lecturers	2
	Demonstrators	4
Pathology, Bacteriology and Parasitology—		
	Consulting Pathologist	1
	Professor	1
	Senior Lecturer	1
	Lecturers	2
	Demonstrators	4
Hygiene—	Professor	1
Medical Jurisprudence—	Professor	1
Number of students		800

ALL INDIA INSTITUTE OF HYGIENE & PUBLIC HEALTH

Courses of Studies—D.S.O. (P.H.P.), M.H. (P.H.), D.P.H., D.M.A.
C.W., D.P.H. & H.Y.

Certificate in Industrial Hygiene

Certificate in Nutrition

Certificate in Laboratory Technique

Enrolment of students in the different courses in 1948-49 10.

Staff

Public Health Administration—

- 1 Professor
- 1 Asst. Professor
- 2 Demonstrators.

Epidemiology—

- 1 Professor
- 2 Asst. Professors
- 1 Demonstrator

Microbiology—

- 1 Professor
- 1 Associate Professor
- 1 Asst. Professor
- 3 Demonstrators

Biochemistry Nutrition Physiological and Industrial Hygiene

- 1 Professor
- 1 Associate Professor
- 1 Asst. Professor
- 2 Research Assts
- 4 Demonstrators

Sanitary Engineering—

- 1 Professor
- 2 Asst. Professors
- 3 Technical Assistants
- 2 Demonstrators
- 1 Public Health Inspector

Maternity and Child Welfare—

- 1 Professor
- 1 Asst. Professor
- 1 Demonstrator

All the Professorial staff of the Institute are recruited by the Recruitment and Appointment Board of the Institute for a period of five years. There is no Teachers' Association.

CAMPBELL MEDICAL COLLEGE

It was formerly known as "Campbell Medical School." From July, 1948, it was affiliated to the First M.B. Course.

Number of students admitted this session is 165.

The following statement shows the number of teachers—

Anatomy	Professor	1
	Demonstrators	3
Physiology	Professor	1
	Demonstrators	3
Chemistry	Professor	1
	Demonstrators	2
	Demonstrator	1 (part-time)

There are 3 Professors whose salary ranges between Rs. 1,000. and Rs. 850.

The library is a good one consisting of a good number of newly purchased volumes.

The authorities contemplate the extension of buildings for the different departments of the colleges.

NATIONAL MEDICAL COLLEGE

This Medical Institute, A Medical School affiliated to the State Medical Faculty, Bengal, has been, in conjunction with the Calcutta Medical Institute, affiliated to the M. B. Course from July, 1948. The National Medical Institute is situated at Park Circus and the Calcutta Medical School at the Circular Road. The arrangement is that the lecture work will be concentrated at the National Medical Institute and the hospital work and outdoor duties will be divided between the two colleges.

The following statement shows the number of teachers in the different subject for the First M. B. Course:—

Anatomy	Professor	1	
	Asst. Professor	1	
	Demonstrators	4	(in the first year and another in the second year)
	Lab Asst.	1	
Physiology including Radiochemistry	Professor	1	
	Asst. Professor	1	
	Demonstrators	4	Do
	Lab. Asst.	1	
Pharmacology	Professor	1	
	Demonstrators	2	Do
Organic Chemistry	Lecturer	1	
	Demonstrators	4	
	Lab. Asst.	1	

15-5-63